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NPIC/R-1647/64

December 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

MISSION 3977

14 DECEMBER 1964

25X1A

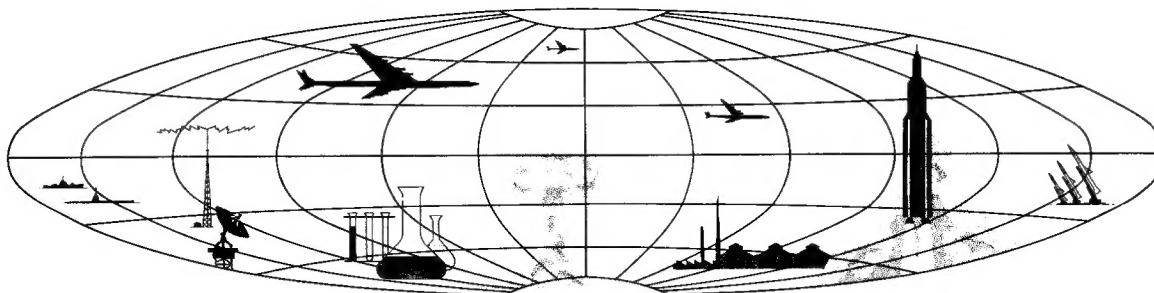


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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25X1A PREFACE

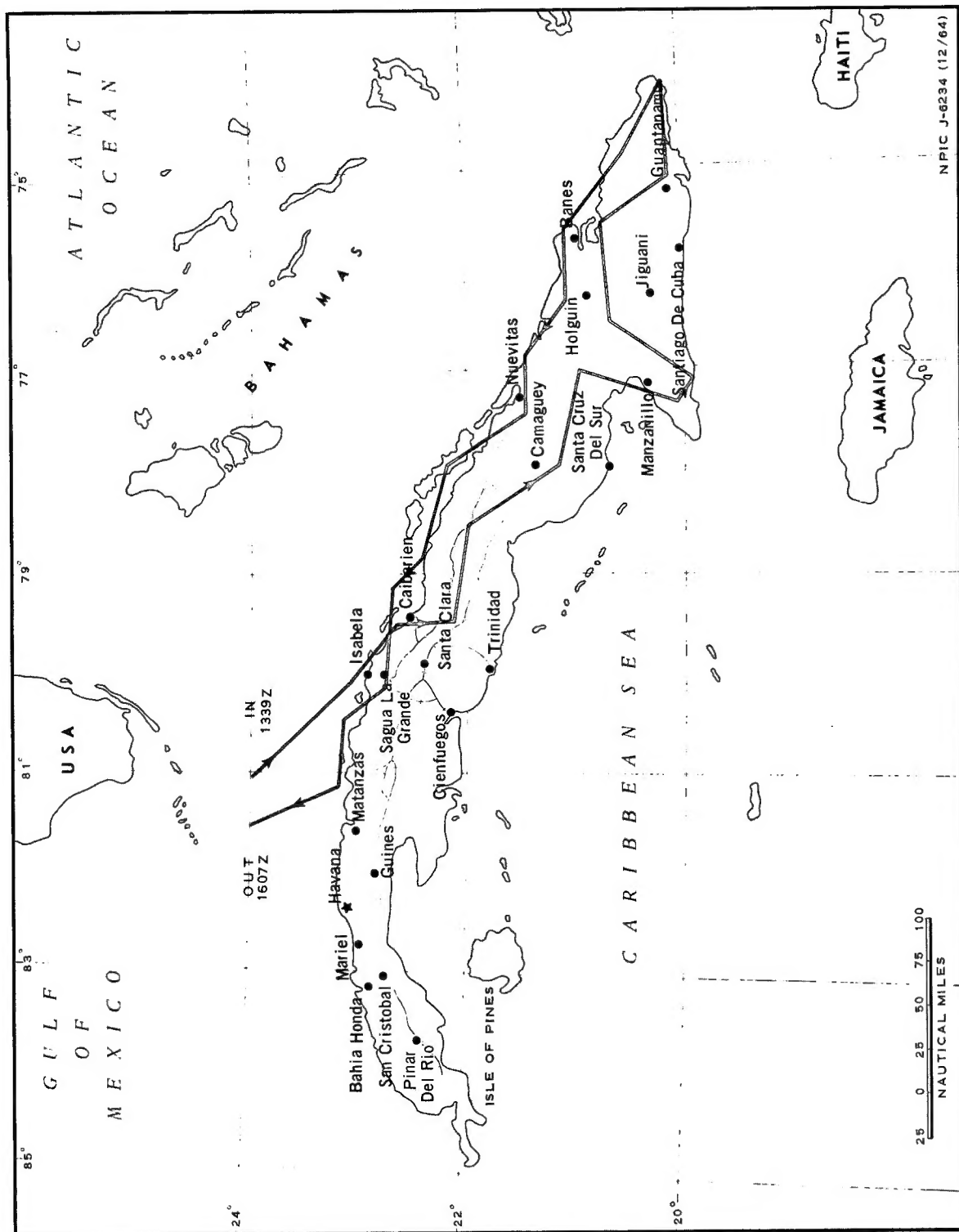
THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 3977, DATED 14 DEC 64. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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MISSION 3977, 14 DECEMBER 1964

25X1A

APPROXIMATE TRACK OF

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25X1A

MISSILES

[REDACTED] CAIBARIEN SAM SITE 2228N 07929W

SIX UNREVIEWED LAUNCHERS (2 WITH MISSILES), ONE MISSILE TRANSPORTER ADJACENT TO LAUNCHERS, ONE CANVAS-COVERED MISSILE HOLD AREA, ONE CANVAS-COVERED PARKING AREA, 7 PROBABLE TRACKED PRIME MOVERS, ONE VAN TRUCK, ONE OTHER VEHICLE, 4 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT OBSERVED. FACILITIES -- 8 LARGE (4 NON-SOVIET) AND ONE MEDIUM NON-SOVIET TENT, AND ONE SMALL TENT. THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.

25X1D

25X1A

[REDACTED] LOS ANGELES SAM SITE 2100N 07541W

SIX UNREVIEWED LAUNCHERS (3 WITH MISSILES), 4 MISSILE TRANSPORTERS (ONE WITH EXPOSED MISSILE IN A LAUNCH AREA AND 3 CANVAS-COVERED), 9 CANVAS-COVERED PROBABLE TRACKED PRIME MOVERS, 6 CARGO TRUCKS, 2 OTHER VEHICLES, 4 VAN TRAILERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

[REDACTED] VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

EIGHTEEN MISSILE TRANSPORTERS, 5 FLATBED TRACTOR TRAILER TRUCKS, 10 CARGO TRUCKS, 3 POSSIBLE TRACKED PRIME MOVERS, 8 OTHER VEHICLES AND NUMEROUS MISSILE CANISTERS OBSERVED.

25X1D

25X1A

[REDACTED] MALDONADO SAM SITE 2012N 07528W

SIX UNREVIEWED LAUNCHERS, AT LEAST 5 POSSIBLE MISSILE TRANSPORTERS IN A CANVAS-COVERED HOLD REVENEMENT, AT LEAST 20 OTHER VEHICLES AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

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25X1D  
25X1A

[REDACTED] CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), AT LEAST 6 CANVAS-COVERED MISSILE TRANSPORTERS, 11 TRACKED-PRIME MOVERS, 5 CARGO TRUCKS, 7 TRUCK TRACTORS, 3 VAN TRAILERS, 2 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED. THREE ADDITIONAL LAUNCHERS (ONE WITH MISSILE), 5 VAN TRUCKS, 5 VAN TRAILERS, ONE PROBABLE FAN SONG RADAR AND ONE OTHER VEHICLE OBSERVED.

25X1D  
25X1A

[REDACTED] HOLGUIN SAM SITE 2052N 07627W

FIVE UNREVETTED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS WITHOUT PRIME MOVERS (4 CANVAS-COVERED), 3 PROBABLE VAN TRAILERS, AN UNDETERMINED NUMBER OF UNIDENTIFIED VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED. ONE ADDITIONAL PROBABLE LAUNCHER REMAINS OUTSIDE RING ROAD. THE 3-GUN AAA SITE REMAINS OCCUPIED. NO APPARENT CHANGE IN FACILITIES.

25X1D  
25X1A

[REDACTED] NUEVITAS SAM SITE 2 2132N 07717W

SIX UNREVETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, 7 CANVAS-COVERED TRACKED PRIME MOVERS, AT LEAST 6 OTHER VEHICLES AND A GUIDANCE AREA WITH RADAR, 7 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED. THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.

25X1D

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25X1A

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[REDACTED] PRESTON SAM SITE 2044N 07538W

SIX REVETTED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS (4 WITHOUT PRIME MOVERS AND 4 CANVAS-COVERED), 10 TRACKED PRIME MOVERS, 2 PROBABLE TRUCK TRACTORS, ONE TRUCK-MOUNTED CRANE, 5 CARGO TRUCKS, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

[REDACTED] MATA SAM SITE 2235N 07955W

AT LEAST 5 UNREVIEWED LAUNCHERS (ONE POSSIBLY WITH MISSILE), AT LEAST 4 PROBABLE MISSILE TRANSPORTERS, AT LEAST 11 OTHER VEHICLES, 2 POSSIBLE VAN TRAILERS AND AN OCCUPIED GUIDANCE AREA OBSERVED. NO APPARENT CHANGE IN FACILITIES. THE 6-GUN AAA SITE APPEARS OCCUPIED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

[REDACTED] MAYARI ARRIBA CRUISE-MISSILE ACTIVITY 2027N 07531W

TWENTY-TWO CRUISE-MISSILE CRATES, 37 CARGO TRUCKS, 3 POSSIBLE TRUCK-MOUNTED CRANES, 7 UTILITY TRUCKS, AND AT LEAST 5 OTHER VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

25X1D

25X1A

AIR FACILITIES

[REDACTED] CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

AIRCRAFT -- 2 COLT.

25X1D

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25X1A

[REDACTED] HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 19 FAGOT/FRESCO, ONE POSSIBLE FAGOT/  
FRESCO, 7 HOUND (3 WITHOUT ROTORS), ONE HARE, AND ONE  
LIAISON OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

[REDACTED] LOS CANOS AIRFIELD 2005N 07509W

NO AIRCRAFT OBSERVED.

25X1D

25X1A

[REDACTED] CORONEL PASCUAL AIRFIELD 2307N 08117W

AIRCRAFT -- 2 HOUND AND ONE LIAISON.

25X1D

25X1A

[REDACTED] CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- ONE LIAISON AND 2 HOUND.

25X1D

25X1A

[REDACTED] BARACOA AIRFIELD NORTHWEST 2021N 07430W

NO AIRCRAFT OBSERVED.  
RUNWAY CONSTRUCTION CONTINUES.

25X1D

25X1A

NAVAL ACTIVITY/PORTS

[REDACTED] NUEVITAS PORT 2132N 07715W

VESSELS -- 5 LARGE FREIGHTERS.

25X1D

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25X1A

[REDACTED] LA ISABELA PORT 2256N 08000W

NO LARGE VESSELS OBSERVED.

25X1D

25X1A

[REDACTED] CAIBARIEN PORT 2231N 07928W

NO LARGE VESSELS OBSERVED.

25X1D

25X1A

[REDACTED] CARDENAS PORT 2302N 08111W

VESSELS -- ONE LARGE FREIGHTER.

25X1D

25X1A

[REDACTED] MATANZAS PORT 2302N 08134W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

ELECTRONICS/COMMUNICATIONS

[REDACTED] SAGUA LA GRANDE EW/GCI RADAR SITE 2250N 08005W

ONE PROBABLE VEHICLE OBSERVED.

25X1D

25X1A

MILITARY ACTIVITY

[REDACTED] GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.  
AREA 1 -- 50 PERCENT USABLE COVERAGE.  
AREAS 2, 3 AND 6 -- 80 PERCENT USABLE COVERAGE.  
AREAS 4, 7 AND 8 -- NO USABLE COVERAGE.  
AREA 5 -- 30 PERCENT USABLE COVERAGE.  
AREA 9 -- 70 PERCENT USABLE COVERAGE.

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25X1D

25X1A

REMEDIOS MILITARY AREA 2227N 07935W

NO APPARENT CHANGE IN FACILITIES.  
AT LEAST 175 UNIDENTIFIED VEHICLES AND 21  
UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED.  
CAMP 0.8 NM NW -- NO VEHICLES OBSERVED.  
OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

LIMONAR MILITARY CAMP SE 2255N 08124W

NO APPARENT CHANGE IN FACILITIES.  
AT LEAST 25 UNIDENTIFIED VEHICLES OBSERVED.

25X1D

25X1A

CAMAGUEY MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.  
FIFTY-FIVE CARGO TRUCKS, 29 FA PIECES AND 17 MORTARS  
OBSERVED.

25X1D

25X1A

HOLGUIN MILITARY CAMP NW 2057N 07616W

FACILITIES -- 3 BARRACKS, 4 LARGE AND 4 SMALL SUPPORT  
BUILDINGS, AND 3 LARGE NON-SOVIET TENTS.  
TWENTY-ONE TANKS/SP GUNS, 15 CARGO TRUCKS, 2 UTILITY  
TRUCKS, 2 UNIDENTIFIED VEHICLES OR PIECES OF  
EQUIPMENT, AND 15 AAA PIECES OBSERVED.

25X1D

25X1A

MINAS MILITARY CAMP 2127N 07734W

NO APPARENT CHANGE IN FACILITIES.  
AT LEAST 6 PROBABLE TANKS/SP GUNS, 13 CARGO  
TRUCKS, AND 4 POSSIBLE AAA PIECES OBSERVED IN CLOUD-

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FREE AREAS.

25X1D 25X1A

HEREDIA MILITARY CAMP 2134N 07800W

NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- 19 TANKS/SP GUNS, 2 PROBABLE TANKS/SP  
GUNS, 7 CARGO TRUCKS, ONE POSSIBLE TANK TRUCK, ONE  
POSSIBLE VAN TRUCK, AND 2 UNIDENTIFIED VEHICLES OR  
PIECES OF EQUIPMENT.  
CAMP 0.5 NM NE -- NO VEHICLES OBSERVED.

25X1D 25X1A

PUERTO PADRE MILITARY AREA 2111N 07639W

NO APPARENT CHANGE IN FACILITIES.  
FIVE CARGO TRUCKS AND NUMEROUS PIECES OF SMALL  
UNIDENTIFIED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1D 25X1A

CORRALILLO MILITARY AREA 2301N 08038W

RANGE FACILITIES -- NO APPARENT CHANGE IN FACILITIES.  
NO VEHICLES OBSERVED.  
SUPPORT AREA -- NO APPARENT CHANGE IN FACILITIES.  
SEVEN UNIDENTIFIED VEHICLES OBSERVED.

25X1D

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE  
SINCE LAST COVERAGE--

25X1A

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
MANZANILLO PORT	2021N 07707W
PUERTO PADRE PORT	2113N 07632W
KAWAMA MARINA	2307N 08117W
LIMONAR EW/GCI RADAR SITE	2255N 08126W
CAMAGUEY EW/GCI RADAR SITE	2121N 07751W
CIEGO DE AVILA EW/GCI RADAR SITE LA GRANJA	2152N 07846W
HOLGUIN EW/GCI RADAR SITE	2048N 07618W
MACAGUA MILITARY CAMP	2050N 07610W
CANTEL MILITARY CAMP	2302N 08119W
MARTI AREA ARMOR TRAINING AREA	2258N 08059W
LA VEGUITA MILITARY CAMP	2049N 07615W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
VARADERO LANDING BEACH	2308N 08118W
NICARO LANDING BEACH	2042N 07533W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT  
NOT INTERPRETED--

25X1A

CAMILO CIENFUEGOS AIRFIELD	2229N 07955W
BAYAMO AIRFIELD EAST	2022N 07637W
SANTA CLARA EW/GCI RADAR SITE	2229N 07956W
HOLGUIN MILITARY CAMP	2053N 07613W
ALTO CEDRO MILITARY CAMP	2029N 07600W
GUANABANA AREA MILITARY CAMP	2258N 08134W

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